

(1390 REV. 5-93) US DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 104570
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known, sec 37 C.F.R.1.5) 09/462,171
		#4
INTERNATIONAL APPLICATION NO. PCT/IL98/00329	INTERNATIONAL FILING DATE July 14, 1998	PRIORITY DATE CLAIMED July 14, 1997
TITLE OF INVENTION MICROELECTRONIC COMPONENTS AND ELECTRONIC NETWORKS COMPRISING DNA		
APPLICANT(S) FOR DO/EO/US Erez BRAUN (Haifa, ISRAEL), Yoav EICHEN (Haifa, ISRAEL), Uri SIVAN (Haifa, ISRAEL) and Gdalyahn BEN-JOSEPH (Haifa, ISRAEL)		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11. to 16. below concern other document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A small entity statement. 16. <input type="checkbox"/> Other items or information:		

04/05/2000 PVLPE 00000079 09462171

01 FC:254

65.00 DP

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 09/462,171	INTERNATIONAL APPLICATION NO. PCT/IL98/00329	ATTORNEY'S DOCKET NUMBER 104946
---	--	---------------------------------

17. <input checked="" type="checkbox"/> The following fees are submitted: <div style="margin-left: 20px;"> Basic National fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO.....\$840.00 International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$670.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$690.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$970.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....\$ 96.00 ENTER APPROPRIATE BASIC FEE AMOUNT = </div>	CALCULATIONS	PTO USE ONLY																																																														
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ ---																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Claims</th> <th style="width:20%;">Number Filed</th> <th style="width:10%;">Number Extra</th> <th style="width:10%;">Rate</th> <th style="width:10%;"></th> <th style="width:10%;"></th> </tr> <tr> <td>Total Claims</td> <td style="text-align: center;">---- 20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">X \$ 18.00</td> <td style="text-align: center;">\$</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">----- 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">X \$ 78.00</td> <td style="text-align: center;">\$</td> <td></td> </tr> <tr> <td colspan="3">Multiple dependent claim(s)(if applicable)</td> <td style="text-align: center;">+ \$260.00</td> <td style="text-align: center;">\$</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: center;">\$130.00</td> <td></td> </tr> <tr> <td colspan="4">Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).</td> <td style="text-align: center;">\$ 65.00</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL =</td> <td style="text-align: center;">\$ 65.00</td> <td></td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: center;">\$-----</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL NATIONAL FEE =</td> <td style="text-align: center;">\$ 65.00</td> <td></td> </tr> <tr> <td colspan="4" rowspan="2"></td> <td style="text-align: center;">Amount to be refunded</td> <td style="text-align: center;">\$</td> </tr> <tr> <td style="text-align: center;">Charged</td> <td style="text-align: center;">\$</td> </tr> </table>	Claims	Number Filed	Number Extra	Rate			Total Claims	---- 20 =	0	X \$ 18.00	\$		Independent Claims	----- 3 =	0	X \$ 78.00	\$		Multiple dependent claim(s)(if applicable)			+ \$260.00	\$		TOTAL OF ABOVE CALCULATIONS =				\$130.00		Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				\$ 65.00		SUBTOTAL =				\$ 65.00		Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)).				\$-----		TOTAL NATIONAL FEE =				\$ 65.00						Amount to be refunded	\$	Charged	\$		
Claims	Number Filed	Number Extra	Rate																																																													
Total Claims	---- 20 =	0	X \$ 18.00	\$																																																												
Independent Claims	----- 3 =	0	X \$ 78.00	\$																																																												
Multiple dependent claim(s)(if applicable)			+ \$260.00	\$																																																												
TOTAL OF ABOVE CALCULATIONS =				\$130.00																																																												
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				\$ 65.00																																																												
SUBTOTAL =				\$ 65.00																																																												
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)).				\$-----																																																												
TOTAL NATIONAL FEE =				\$ 65.00																																																												
				Amount to be refunded	\$																																																											
				Charged	\$																																																											

a. ☒ Check No. 107361 in the amount of \$65.00 to cover the above fees is enclosed.
 b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.
 c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
 OLIFF & BERRIDGE, PLC
 P.O. Box 19928
 Alexandria, Virginia 22320

NAME: James A. Oliff
 REGISTRATION NUMBER: 27,075

 NAME: Joel S. Armstrong
 REGISTRATION NUMBER: 36,430

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 09/462,171	INTERNATIONAL APPLICATION NO. PCT/IL98/00329	ATTORNEY'S DOCKET NUMBER 104946
---	--	---------------------------------

17. <input checked="" type="checkbox"/> The following fees are submitted: Basic National fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO.....\$840.00 International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$670.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$690.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$970.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....\$ 96.00 ENTER APPROPRIATE BASIC FEE AMOUNT =	CALCULATIONS	PTO USE ONLY																								
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ 130.00																									
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Claims</th> <th style="width:20%;">Number Filed</th> <th style="width:10%;">Number Extra</th> <th style="width:10%;">Rate</th> <th style="width:10%;"></th> <th style="width:10%;"></th> </tr> <tr> <td>Total Claims</td> <td style="text-align: center;">---- 20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">X \$ 18.00</td> <td style="text-align: center;">\$</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">----- 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">X \$ 78.00</td> <td style="text-align: center;">\$</td> <td></td> </tr> <tr> <td colspan="3">Multiple dependent claim(s)(if applicable)</td> <td style="text-align: center;">+ \$260.00</td> <td style="text-align: center;">\$</td> <td></td> </tr> </table>	Claims	Number Filed	Number Extra	Rate			Total Claims	---- 20 =	0	X \$ 18.00	\$		Independent Claims	----- 3 =	0	X \$ 78.00	\$		Multiple dependent claim(s)(if applicable)			+ \$260.00	\$			
Claims	Number Filed	Number Extra	Rate																							
Total Claims	---- 20 =	0	X \$ 18.00	\$																						
Independent Claims	----- 3 =	0	X \$ 78.00	\$																						
Multiple dependent claim(s)(if applicable)			+ \$260.00	\$																						
TOTAL OF ABOVE CALCULATIONS =	\$130.00																									
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).	\$ 65.00																									
SUBTOTAL =	\$ 65.00																									
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)).	\$-----																									
TOTAL NATIONAL FEE =	\$ 65.00																									
	Amount to be refunded	\$																								
	Charged	\$																								

a. ☒ Check No. 107361 in the amount of \$65.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
 OLIFF & BERRIDGE, PLC
 P.O. Box 19928
 Alexandria, Virginia 22320

NAME: James A. Oliff
 REGISTRATION NUMBER: 27,075

 NAME: Joel S. Armstrong
 REGISTRATION NUMBER: 36,430